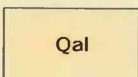


EXPLANATION
SEDIMENTARY ROCKS



Alluvium

Sand, gravel, silt, and clay. Principal source of readily developed ground water. In Middle Park, locally yields moderate to large quantities of water to wells



Terrace deposits

Boulders, gravel, sand, and silt. In a very few places in North Park yield small quantities of water to springs and seeps. In Middle Park, yield small quantities of water to domestic and stock wells in places where the deposits are not drained



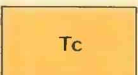
North Park Formation

Calcareous sandstone and conglomerate, contains siltstone, clay, volcanic ash, and buff. Yields small quantities of water to wells and springs



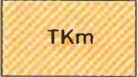
Tertiary deposits undifferentiated

Boulders, gravel, sand, silt, clay, siltstone, shale, sandstone, and conglomerate. Yield small quantities of water to springs and seeps in North Park. Yield small quantities of water to domestic and stock wells in parts of Middle Park



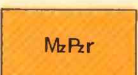
Coalmont Formation

Sandstone, shale, coal beds, and conglomerate. In places, yields small quantities of water of generally good quality to domestic and stock wells. In places, yields from wells very small and chemical quality of water very poor



Middle Park Formation

Lower part consists of breccia, agglomerate, and conglomerate; upper part consists of conglomerate, grit, sandstone, and shale. Yields small quantities of water to springs



Paleozoic and Mesozoic rocks undivided

Shale, sandstone, limestone, dolomite, and conglomerate. Yield small quantities of water to domestic and stock wells. Most formations consist of material too fine to store or transmit economic quantities of water



Intrusive and extrusive rocks

Quartz monzonite, andesite porphyry, obsidian porphyry, monzonite porphyry, basalt, andesite, rhyolite, scoria, and breccia. Not known to yield water to wells



Metamorphic and igneous rocks

Chiefly schist, gneiss, and granite. In places yield small quantities of water to wells and springs

Geologic contact

Solid where located with accuracy of about 2,000 feet; dashed where located with accuracy of about 5,000 feet

Fault

Solid where located with accuracy of about 2,000 feet; dashed where located with accuracy of about 5,000 feet; dotted where concealed by younger deposits

Recent

Pleistocene

Miocene

Paleocene and Eocene

Upper Cretaceous and Paleocene

QUATERNARY

TERTIARY

CRETACEOUS AND TERTIARY

PALEOZOIC AND MESOZOIC

TERTIARY AND QUATERNARY

PRECAMBRIAN

Geology modified from Geologic Map of Colorado (Burbank and others, 1935) 1:500,000. Delineation of alluvium in North Park by Paul T. Voegelé, Sr.